



Recombinant Human GBA3 Protein Product Manual

1. Product Basic Information

Product No.: REP06959

Protein Name: Cytosolic Gcase (GBA3)

Aliases: CBG; GLUC; KLRP; CBGL1; cytosolic GCase; klotho-related protein; glucosidase beta acid cytosolic beta-glucosidase; cytosolic glucosylceramidase; cytosolic glycosylceramidase; cytosolic galactosylceram...

UniProt ID: Q9H227

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9H227/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Isoform 2 (1-162aa)

Molecular Weight: 45.3kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (1-162aa)

MAFPAGFGWAAATAAYQVEGGWDADGKGPCVWDTFTHQGGERVFKNQTGDVAC
GSYTLWEEDLKCIKQLGLTHYRFSLSWSRLLPDGTTGFINQKAIQLDKVNLQVYCA
WSLLDNFEWNQGYSSRFGLFHVDFEDPARPRVPYTSKEYAKIIRNNGLEAHL

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause

5. Product Description

This product is a recombinant Human GBA3 full length of isoform 2 protein (1-162aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. GBA3, also known as CBG or GLUC or KLRP, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.